U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Accurate Plating Company - Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #3**
Final POLREP
Accurate Plating Company
C540
Cleveland, OH
Latitude: 41.5010300 Longitude: -81.6453580

To: Mike Dziak, Cleveland Division of Fire
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From: James Augustyn, OSC
Date: 8/15/2011
Reporting Period: July 25 through August 12, 2022

1. Introduction

1.1 Background

Site Number:	C540	**Contract Number:**	
D.O. Number:	71	**Action Memo Date:**	6/2/2011
Response Authority:	CERCLA	**Response Type:**	Time-Critical
Response Lead:	EPA	**Incident Category:**	Removal Action
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	6/22/2011	**Start Date:**	6/22/2011
Demob Date:	8/12/2011	**Completion Date:**	8/12/2011
CERCLIS ID:	OHN000510578	**RCRIS ID:**	
ERNS No.:		**State Notification:**	
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category

Time Critical Removal Action

1.1.2 Site Description

Accurate Plating Company (Accurate) began electroplating at the Site in 1965 Electroplating operations included grinding, polishing, detergent cleaning and rinsing, metal plating (cadmium, cyanide zinc, caustic zinc, acid zinc, nickel, and brass) and final rinsing Accurate ceased plating operations in 2009

In mid-2010, Accurate closed the facility and abandoned the electroplating waste at the Site The owner attempted to drum and label waste to aid in disposal but had insufficient funds to proceed with disposal of waste off-Site

See Previous POLREPs for additional details.

1.1.2.1 Location

The Accurate Site is located at 6512 Carnegie Avenue, Cleveland, Ohio

1.1.2.2 Description of Threat

In addition to the drummed waste, there are multiple in-ground storage pits which contain cyanide ladened rinse waters Two plating lines containing sludge are present at the Site All tanks associated with the facility's wastewater treatment unit are assumed to contain untreated wastewater

See previous POLREPs for additional details

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On April 29, 2011, U S EPA OSC James Augustyn conducted a Site visit with the owner and representatives of the Cleveland Fire Prevention Bureau Conditions at the Site remain as stated in the Ohio EPA referral package

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On Monday, July 25, 2011, Two (2) vacuum trucks arrived on Site to remove non-hazardous liquid (NHL) and sludge (NHS) from tanks and pits All waste was removed from Tank T1 (unknown tank next to plating line) and Pits P2 (unknown pit in SW room), P3 (Cleaner dump pit near WWTF) After waste removed, T1, P2, P3 were pressure washed and P2 and P3 were backfilled with crushed concrete to floor level

On Tuesday, July 26, Tank T1 was picked up by scrap metal company on roll-off truck Load of crushed concrete arrived on Site Four (4) boxes of florescent light bulbs were shipped offsite via UPS and 4 additional boxes were dropped off Remaining metal infrastructure from T1 and T18 was removed and loaded into a scrap metal box Numerous drums were bulked into other compatible drums to reduce volumes

On Wednesday, July 27, the exterior hydrochloric acid tank was confirmed to be empty and MT was painted on it Empty consolidated drums and buckets were cut and placed in Waste Management (WM) roll-off box

On Thursday, July 28, Vacuum truck arrived on Site and removed non-hazardous liquid and sludge from pits P7, P5, P8 and the main trench Plastic liners were removed from pits P7 and P4 Pit P7 and the main trench were pressure washed in preparation for crushed concrete backfill Four (4) boxes of florescent light bulbs were shipped off Site

On Friday, July 29, Two (2) vacuum trucks removed non-hazardous liquid and sludge from pits P4, P8, P5 and P6 and Tank T18 Plastic liners were removed from pits P5 and P7 and all pits were pressure washed and backfilled with crushed concrete after waste removed One (1) Philip Service Corporation (PSC) semi truck arrived on site and removed eighty-three (83) drums in waste streams nonhazardous solids (NHS) and base liquids (BL)

On Monday, August 1, One (1) PSC semi truck arrived on site and removed forty-three (43) 55-gallon drums, five (5) 5-gallon buckets and one (1) 250-gallon tote in waste streams base solids (BS), BL, NHS, OIL, acid liquids (AL), cyanide solids (CNS), cyanide liquids (CNL) Last section of main trench near plating line was cleaned and backfilled

On Tuesday, August 2, ERRS disassembled the east side of the plating line up to tank T9, including tanks, pipes and hoses Waste Management removed one (1) 20-yd roll-off box and dropped off one (1) empty 30-yd box

On Wednesday, August 3, one (1) 30-yd WM roll-off box was picked up and removed from Site ERRS continued cleaning in WWTF area

On Thursday, August 4, ERRS pressure-washed tanks previously removed from the plating line Nine (9) cubic yd polybags were filled with material from floor sweeping piles FS1, FS2 and FS3

On Friday, August 5, One (1) 30-yd WM roll-off box was picked up and removed from Site and one (1) empty was dropped off Two (2) scrap metal boxes were removed from Site and one (1) empty was left One (EQ) tanker truck arrived on site and

removed 4,850 gallons of UN1760 corrosive liquids from tanks T17 and T9

On Monday, August 8, ERRS removed scrap metal parts from T9, moved floor sweeping piles FS3 and FS4 into four (4) cubic yard polybags and filled three (3) boxes with fluorescent lights

On Tuesday, August 9, at approximately 11 15 am an outlet pipe was broken off the bottom of T15 and approximately 1,400 gallons of corrosive, low-pH liquid spilled on the floor The liquid flowed outside of the building and approximately 200 gallons flowed into a sewer catch basin on Cedar Ave before it was contained by ERRS The street was flagged off and the liquid was immediately contained by crushed concrete dams Liquid on the street was placed into poly 55-gallon drums A tanker truck arrived on Site and removed 1200 gallons of UN1760 corrosive liquid acid waste and pressure washing water from the street, sidewalk, building floor and tank T15 The NRC, Ohio EPA and Regional Sewer District were notified of the incident The Regional Sewer District confirmed the acid did not impact downstream locations and was contained in the catch basin

On Wednesday, August 10, one (1) EQ tanker truck arrived on Site and removed 1,215 gallons of UN1760 corrosive liquid waste from tanks T16 and T9 Tanks T9 and T16 were pressure washed and ERRS disassembled the remaining catwalk and tanks from the plating line

On Thursday, August 11, three (3) 50-cy scrap metal boxes and one (1) 20-cy scrap metal box were filled with pressure-washed AST's and metal debris from the plating lines and removed from site by Cleveland scrap SE and SW rooms were completely cleared of all debris and pressure washed ERRS began decontamination of on-Site equipment

On Friday, August 12, Two (2) PSC trucks arrived on Site and removed remaining site waste including 21 cy polybags, nine (9) 55-g drums, three (3) 5-g buckets, one (1) lab pack and one (1) flammables tote and delivered to disposal facility Petro Chem Processing Group in Detroit Waste Management removed one (1), 30-cy box from Site Three (3) florescent light boxes were removed from Site by UPS ERRS decontaminated remaining equipment and transported it off-site, temporary electricity in the building was shut off, north room was cleared of debris and swept, Hertz removed from site all remaining rental equipment and Site trailer was emptied and prepared for demobilization

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

See previous POLREPs

2.1.4 Progress Metrics

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*	*Date*
Non-hazardous liquids 029L	liquid	3,600 gallons	008163126JJK		Dynecol INC 6520 Georgia St Detroit, MI 48217	7/22/11
Non-hazardous liquids 029L	liquid	4,600 gallons	008163127JJK			7/22/11
Non-hazardous liquids 029L	liquid	2,200 gallons	008163130JJK			7/25/11
Non-hazardous liquids 029L	liquid	800 gallons	008163128JJK			7/25/11
Non-hazardous liquids 029L	liquid	3200 gallons	008163152JJK			7/28/11
Non-hazardous liquids 029L	liquid	1500 gallons	008163176JJK			7/29/11
Non-hazardous liquids 029L	liquid	1500 gallons	008163175JJK			7/29/11
NA3082Hazwaste Liquid	liquid	45,000 lbs	008895815JJK			7/29/11
NA3077Hazwaste Solid	solid	4,000 lbs				
UN3264 Waste Corrosive Liquid, Acidic, Inorganic	liquid	1300 lbs				
UN3266 Waste Corrosive Liquid, Basic, Inorganic	liquid	1800 lbs				
NA3077 Hazardous Waste, Solid	solid	2400 lbs				
UN3264 Waste	liquid	0600 lbs				

Corrosive Liquid, Acidic, Inorganic						
NA3082 Hazardous Waste, Liquid	liquid	4200 lbs				
NA3082 Hazardous Waste, Liquid	liquid	6600 lbs				
Non DOT, Non Regulated Material	liquid	1200 lbs	008895814JJK		Petro-Chem Processing Grp 421 Lycaste Detroit, MI 48214	8/01/11
NA3077 Hazardous Waste Cyanide Solutions	liquid	6600 lbs				
NA3077 Hazardous Waste Cyanide Solutions	liquid	2500 lbs				
Non DOT, Non Regulated Material	liquid	0600 lbs				
UN1760 Corrosive Liquid, Caustic Liquid	liquid	4850 gallons	008731350JJK		Envirite of Ohio 2050 Central Ave S E Canton, OH 44707	8/05/11
UN1760 Corrosive Liquid, Acid Liquid	liquid	1200 gallons	001347830FLE		EQ Detroit Inc 1932 Frederick, Detroit, MI 48211	8/09/11
UN1760 Corrosive Liquid, Caustic Liquid	liquid	1215 gallons	008731380JJK		Envirite of Ohio 2050 Central Ave, S E Canton, OH 44707	8/10/11
AA3077 Hazardous Waste Caustic Solid	solid	42000 lbs	008904056JJK			
NA3077 Hazardous Waste Caustic Solid	solid	400 lbs				
UN1791 Hypochlorite Solutions, Bleach	liquid	1600 lbs				
UN1263 Paint Related Material	liquid	1200 lbs				
Universal Waste Ballast for Recycling	solid	1200 lbs				
UN2331 Zinc Chloride	solid	400 lbs				
UN1263 Paint Related Material loose pack	solid	2000 lbs				
UN3255 Corrosive Liquid, Acidic	liquid	400 lbs			Petro-Chem Processing Grp 421 Lycaste Detroit, MI 48214	8/12/11
UN3207 Corrosive Liquid, Caustic	liquid	400 lbs	008904054JJK			
UN1935 Cyanide Solutions	liquid	20 lbs				
UN3287 Toxic Liquid, Inorganic	liquid	20 lbs				
UN1439 Zinc Powder	solid	20 lbs				
UN3139 Oxidizing Liquid	liquid	20 lbs				
UN1943 Flammable Liquids	liquid	20 lbs				
UN2788 Acetic Acid Glacial	liquid	20 lbs				
UN1638 Mercury Iodide Solution	liquid	20 lbs				
UN3414 Sodium Cyanide Solution	liquid	20 lbs				

Non DOT Regulated Waste	liquid	25 lbs				
UN3264 Corrosive Liquid, Acidic	liquid	30 lbs				

2.2 Planning Section

2.2.1 Anticipated Activities

None

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

None

2.2.2 Issues

None

2.3 Logistics Section

2.4 Finance Section

2.4.1 Narrative

ERRS and START costs as of 8/11/2011 (including pending costs)

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	$320.000 00	$198,867 00	$121,133 00	37 85%
TAT/START	$40,000.00	$36,466.00	$3,534.00	8.84%
Intramural Costs				
USEPA - Direct	$42,000.00	$20,500.00	$21,500.00	51.19%
Total Site Costs	$402,000.00	$255,833 00	$146,167.00	36.36%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s) Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Safety Officer

2.6 Liaison Officer

2.7 Information Officer

3. Participating Entities

3.1 Unified Command

3.2 Cooperating and Assisting Agencies

4. Personnel On Site

One (1) U S. EPA OSC, one (1) START Contractor, five (5) ERRS contrator personnel (1 RM, 1 FCA, 1, 1 Foreman, 2 Laborers).

5. Definition of Terms

6. Additional sources of information

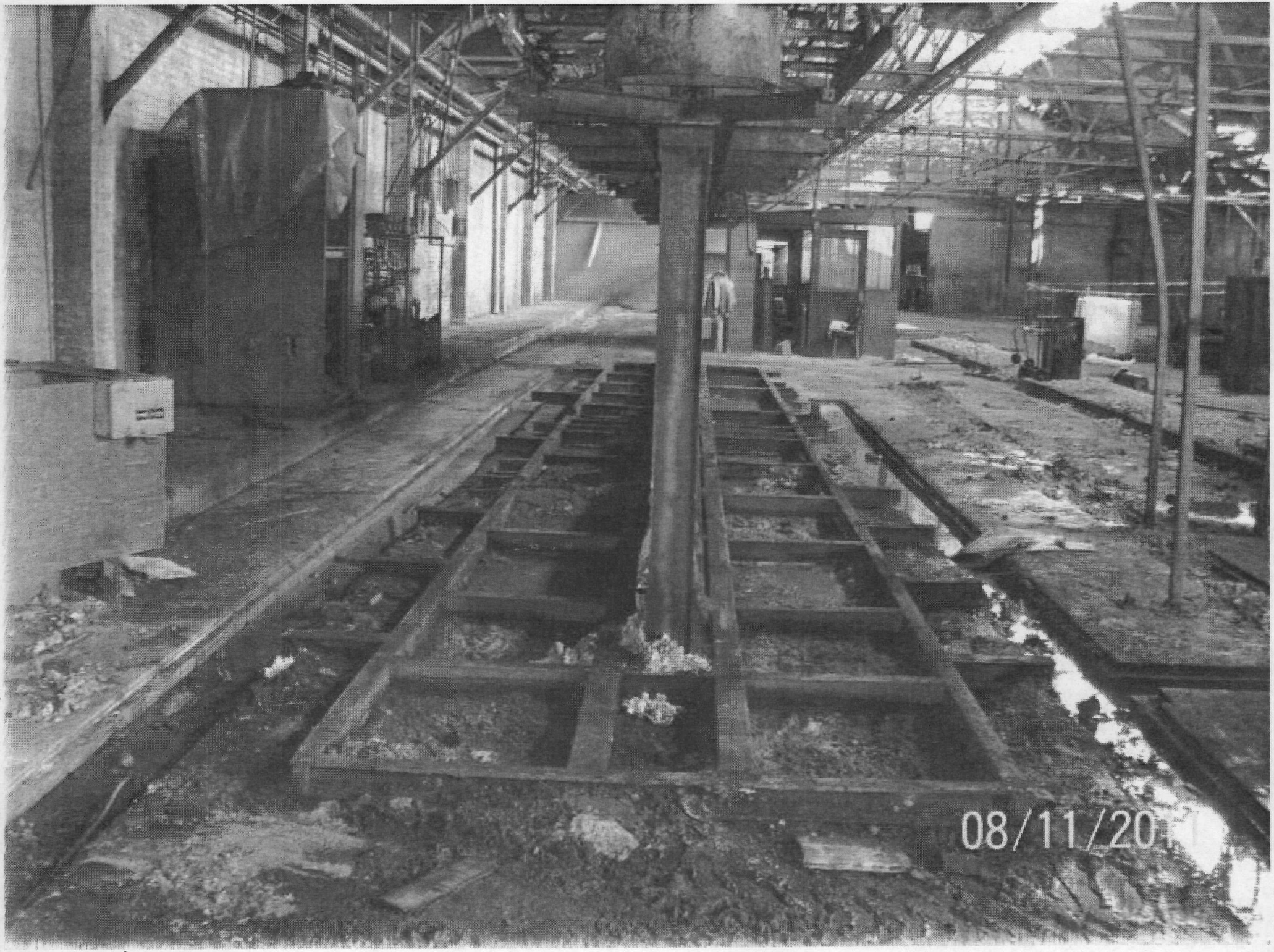
6.1 Internet location of additional information/reports

6.2 Reporting Schedule

This is the Final Report

7. Situational Reference Materials


08/12/2011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